





<110> ASHKENAZI, AVI J.
 BOTSTEIN, DAVID
 DODGE, KELLY H.
 GURNEY, AUSTIN L.
 KIM, KYUNG JIN
 LAWRENCE, DAVID A.
 PITTI, ROBERT
 ROY, MARGARET A.
 TUMAS, DANIEL B.
 WOOD, WILLIAM I.
 GENENTECH INC.

<120> DcR3 Polypeptide, A TNFR Homolog

<130> 11669.31US03

<140> 09/157,289

<141> 1998-09-18

<150> 60/059,288

<151> 1997-09-18

<150> 60/094,640

<151> 1998-07-30

<160> 16

<170> PatentIn Ver. 2.0

<210> 1

<211> 300

<212> PRT

<213> Homo sapiens

<400> 1

Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu 1 5 10 15

Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu 20 25 30

Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
35 40 45

Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg 50 55 60 .

Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys Leu Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His

```
<211> 1114
<212> DNA
<213> Homo sapiens
<220>
<221> unsure
<222> (1090)
<223> n = any nucleotide
<400> 2
teegeaggeg gaceggggge aaaggaggtg geatgteggt caggeacage agggteetgt 60
gtccgcgctg agccgcgctc tccctgctcc agcaaggacc atgagggcgc tggagggcc 120
acgcggagtg gcagaaacac ccacctaccc ctggcgggac gcagagacag gggagcggct 240
ggtgtgcgcc cagtgccccc caggcacctt tgtgcagcgg ccgtgccgcc gagacagccc 300
cacgacgtgt ggcccgtgtc caccgcgcca ctacacgcag ttctggaact acctggagcg 360
ctgccgctac tgcaacgtcc tctgcgggga gcgtgaggag gaggcacggg cttgccacqc 420
cacccacaac cgtgcctgcc gctgccgcac cggcttcttc gcgcacqctq gtttctgctt 480
ggagcacgca tcgtgtccac ctggtgccgg cgtgattgcc ccgggcaccc ccagccagaa 540
cacgcagtgc cagccgtgcc ccccaggcac cttctcagcc agcagctcca gctcagaqca 600
gtgccagccc caccgcaact gcacggccct gggcctggcc ctcaatgtgc caggctcttc 660
ctcccatgac accetgtgca ccagetgcac tggetteece etcageacea gggtaceagg 720
agetgaggag tgtgagegtg cegteatega etttgtgget ttccaggaca tetecateaa 780
gaggetgeag eggetgetge aggeeetega ggeeeeggag ggetggggte egacaceaag 840
ggcgggccgc gcggccttgc agctgaagct gcgtcggcgg ctcacggagc tcctgggggc 900
geaggaeggg gegetgetgg tgeggetget geaggegetg egegtggeea ggatgeeegg 960
gctggagcgg agcgtccgtg agcgcttcct ccctgtgcac tgatcctggc cccctcttat 1020
ttattctaca tccttggcac cccacttgca ctgaaagagg ctttttttta aatagaagaa 1080
atgaggtttn ttaaaaaaaa aaaaaaaaa aaaa
                                                                1114
<210> 3
<211> 491
<212> DNA
<213> Unknown
<220>
<221> unsure
<222> (62)
\langle 223 \rangle n = any nucleotide
<220>
<221> unsure
<222> (73)
<223> n = any nucleotide
<220>
<221> unsure
<222> (86)
```

```
\langle 223 \rangle n = any nucleotide
<220>
<221> unsure
<222> (98)
<223> n = any nucleotide
<400> 3
gccgagacag ccccacgacg tgtggcccgt gtccaccgcg ccactacacg cagttctgga 60
antaactgga gcnctgccgc tactgnaacg tcctctgngg ggagcgtgag gaggaggcac 120
gggcttgcca cgccaccac aaccgtgcct gccgctgccg caccggcttc ttcgcqcacg 180
ctggtttctg cttggagcac gcatcgtgtc cacctggtgc cggcgtgatt gccccgggca 240
cccccagcca gaacacgcag tgcctagccg tgcccccag gcaccttctc agccagcagc 300
tccagctcag agcagtgcca gcccaccgc aactgcacgg ccctgggcct ggccctcaat 360
gtgccaggct cttcctccca tgacaccctg tgcaccagct gcactggctt ccccctcagc 420
accagggtac caggagctga ggagtgtgag cgtgccgtca tcgactttgt ggctttccag 480
gacatctcca t
                                                                    491
<210> 4
<211> 73
<212> DNA
<213> Unknown
<220>
<221> misc feature
<222> (1)..(73)
<223> Description of Unknown Organism: UNKNOWN
<400> 4
gccgagacag ccccacgacg tgtggcccgt gtccaccgcg ccactacacg cattctggaa 60
ctacctggag cgc
                                                                    73
<210> 5
<211> 271
<212> DNA
<213> Unknown
<220>
<221> unsure
<222> (42)
<223> n = any nucleotide
<220>
<221> unsure
<222> (62)
<223> n = any nucleotide
<220>
```

```
<221> unsure
<222> (73)
<223> n = any nucleotide
<220>
<221> unsure
<222> (86)
<223> n = any nucleotide
<220>
<221> unsure
<222> (98)
<223> n = any nucleotide
<220>
<221> unsure
<222> (106)
<223> n = any nucleotide
<220>
<221> unsure
<222> (120)
<223> n = any nucleotide
<220>
<221> unsure
<222> (122)
<223> n = any nucleotide
<220>
<221> unsure
<222> (153)
<223> n = any nucleotide
<220>
<221> unsure
<222> (167)
<223> n = any nucleotide
<220>
<221> unsure
<222> (184)
<223> n = any nucleotide
<220>
<221> unsure
<222> (220)
```

<223> n = any nucleotide

```
<220>
<221> unsure
<222> (233)
<223> n = any nucleotide
<400> 5
gccgagacag ccccacgacg tgtggcccgt gtccaccgcg cnactacacg cagttctgga 60
antaactgga gcnctgccgc tactgnaacg tcctctgngg ggagcntgag gaggaggcan 120
gngcttgcca cgccacccac aaccgcgcct gcngctgcag caccggnttc ttcgcgcacg 180
ctgntttctg cttggagcac gcatcgtgtc cacctggtgn cggcgtgatt gcnccgggca 240
cccccagcca gaacacgcat gcaaagccgt g
                                                                   271
<210> 6
<211> 201
<212> DNA
<213> Unknown
<220>
<221> unsure
<222> (182)
<223> n = any nucleotide
<400> 6
gcagttctgg aactacctgg agcgctgccg ctactgcaac gtcctctgcg gggagcgtga 60
ggaggaggca cgggcttgcc acgccaccca caaccgtgcc tgccgctgcc gcaccggctt 120
cttcgcgcac gctggtttct gcttggagca cgcatcgtgt ccacctggtg ccggcgtgat 180
tnccccgggc acccccagcc a
                                                                   201
<210> 7
<211> 277
<212> DNA
<213> Unknown
<220>
<221> unsure
<222> (142)
<223> n = any nucleotide
<400> 7
gaggggcccc caggagtggt ggccggaggt gtggcagggg tcaggttgct ggtcccagcc 60
ttgcaccctg agctaggaca ccagttcccc tgaccctgtt cttccctcct ggctgcaggc 120
acceccagee agaacaegea gneeageegt geeececagg cacettetea geeageaget 180
ccagctcaga gcagtgccag cccaccgca actgcacggc cctgggcctg gccctcaatg 240
tgccaggetc ttcctcccat gacaccctgt gcaccag
                                                                   277
<210> 8
<211> 199
```

```
<212> DNA
<213> Unknown
<220>
<221> misc feature
<222> (1)..(199)
<223> Description of Unknown Organism: UNKNOWN
<400> 8
gcatcgtgtc cacctggtgc cggcgtgatt gccccgggca cccccagcca gaacacgcag 60
gcctagccgt gcccccagg caccttctca gccagcagct ccagctcaga gcagtgccag 120
ccccaccgca actgcacggc cctgggcctg gccctcaatg tgccaggctc ttcctcccat 180
gacaccctgt gcaccagct
                                                                     199
<210> 9
<211> 226
<212> DNA
<213> Unknown
<220>
<221> unsure
<222> (4)
\langle 223 \rangle n = any nucleotide
<220>
<221> unsure
<222> (9)
<223> n = any nucleotide
<220>
<221> unsure
<222> (12)
\langle 223 \rangle n = any nucleotide
<220>
<221> unsure
<222> (165)
<223> n = any nucleotide
<400> 9
agengtgene encaggeace tteteageea geagtteeag etcagageag tgeeageeec 60
accgcaactg cacggccctg ggcctggccc tcaatgtgcc aggctcttcc tcccatgaca 120
cgctgtgcac cagctgcact ggcttccccc tcagcaccag ggtancagga gctgaggagt 180
gtgagcgtgc cgtcatcgac tttgtggctt tccaggacat ctccat
                                                                     226
<210> 10
<211> 283
<212> DNA
```

```
<213> Homo sapiens
<220>
<221> unsure
<222> (27)
<223> n = any nucleotide
<220>
<221> unsure
<222> (64)
<223> n = any nucleotide
<220>
<221> unsure
<222> (140)
<223> n = any nucleotide
<400> 10
cttgtccacc tggtgccggc gtgattnccc gggcaccccc agccagaaca cgcagtgcca 60
gccntccccc caggcacctt ctcagccagc agctccagct cagagcagtg ccagccccac 120
cgcaactgca acgccctggn ctggccctca atgtgccagg ctcttcctcc catgacaccc 180
tgtgcaccag ctgcactggc ttccccctca gcaccagggt accaggagct gaggagtgtg 240
agcgtgccgt catcgacttt gtggctttcc aggacatctc cat
                                                                   283
<210> 11
<211> 21
<212> DNA
<213> Unknown
<220>
<221> misc feature
<222> (1)..(21)
<223> Description of Unknown Organism: UNKNOWN
<400> 11
cacgctggtt tctgcttgga g
                                                                   21
<210> 12
<211> 22
<212> DNA
<213> Unknown
<220>
<221> misc_feature
<222> (1)..(22)
<223> Description of Unknown Organism: UNKNOWN
<400> 12
```

agctg	gtgca cagggtgtca tg	22
<210>	13	
<211>		
<212>		
	Unknown	
-220		
<220>		
<221>	misc feature	
	(1)(53)	
<223>	Description of Unknown Organism: UNKNOWN	
<400>	13	
cccag	gcacc ttctcagcca gccagcagct ccagctcaga gcagtgccag ccc	53
<210>	14	
<211>		
<212>	DNA	
<213>	Unknown	
<220>		
	misc_feature	
	(1)(24)	
<223>	Description of Unknown Organism: UNKNOWN	
.400	14	
<400>		٠.
acacga	atgeg tgetecaage agaa	24
<210>	15	
<211>		
<212>		
	Unknown	
<220>		
	misc_feature	
	(1)(17)	
	Description of Unknown Organism: UNKNOWN	
<400>	15	
cttctt	tegeg caegetg	17
<210>	16	
<211>	16	
<212>	DNA	
<213>	Unknown	
<220>		
<2215	misc feature	

<222> (1)..(16) <223> Description of Unknown Organism: UNKNOWN

<400> 16

atcacgccgg caccag 16